

( 1797 )

it was there, it seem'd as if it boil'd; which was occasion'd by the Air Bubbles that endeavour'd to force their way out; as soon as the *Aqua fortis* had penetrated it to the sensible part of the Skin, it caus'd a Pain, which I endured a little while, and then I poured some common Water on my Finger to weaken the *Aqua fortis*; but quickly after the Thorn-like Particle was encreas'd, as before. I took the second time *Aqua fortis*, and let it lye so long on the Skin, that it smarted more than it did before; and since that time I have not perceived that Particle to grow any more.

I have lying on my Desk a Linnen Handkerchief, which was stain'd with *Aqua fortis* impregnated with Silver, with a black spot about as large as a shilling; after that this Handkerchief had been wash'd 6 times, and laid to bleach, I cut out the black spot, and burnt it upon a bit of Charcoal, and view'd what remain'd thro a Microscope, which I found to consist of several Thousand Globules of Silver, of an exceeding smallness.

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III. *A Letter from Dr W. Musgrave, F. R. S. to Dr Hans Sloane, S. R. S. concerning Hydatides voided by Stool.*

**T**HO the Particulars, discharg'd preternaturally by Stool, have been of very different sorts; and the *Hydatides* have been found in several parts of the Body, and (as appears from a late Transaction), in the Urine; I do not find they are, from any good Authority, affirm'd, to come off *per anum*, or to be found in the *Ductus alimentaris*: An Instance whereof, falling of late in my way, is here presented to you.

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In April last, I was desired, together with my Friend, Dr C. of *Tiverton*, to see a Woman of that Town, named Mrs *Pear*. She is about 30, of a tender Constitution ; had an ill habit of Body, and about *Candlemas* last a Fever ; which continuing near three weeks, was at length overcome by Testaceous Powders, *Alexipharmacs*, but chiefly by the *Cortex*.

In this Fever she had sower Vomitings, and a pain in her Stomach ; which remain'd a long time, and, after the Fever, was accompanied with a copious Salivation ; with Wind, and pains in her side, to a degree extraordinary ; under all which she labour'd to the time of my seeing her.

About three weeks before my Visit, she was seiz'd with a Jaundice, and while taking Medicines ( *Pilulas & Decoctum Ictericum Fulleri* ) for that Illness, she brought off several *Bladders*, by *Stool* ; and continued so to do, sometimes every day, at other times once in two or three days, ever since the first discharge of this kind, to the time of my Visit.

These *Bladders* were of various sizes ; the least that came off, was of the bigness of a great Pins head ; the largest, equal to a Pullers Egg : They were also of differing Colours ; some white, others more yellow, from the Liquor contain'd in them, which was a sort of Gelly, like that of Harts horn, ting'd more or less with Saffion.

Before the Discharge of these *Bladders*, there was (besides the Symptoms already mention'd) a Coldness, and Sickness at Stomach, almost perpetual ; with frequent Inclinations to Vomit, and Hysteric Suffocations : Since that Discharge these Symptoms are vanisht, and succeeded by a Soreness of the same part, as if something had been torn there.

The *Bladders* came off without pain ; many of them whole and entire ; one of which I saw about the bigness of a large Gall, or Marble Stone : Others were broken, and appear'd not unlike the empty Skins of Corrants, Gooseberries and Plums.

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Only one *Bladder* came away by Vomiting, and that broken ; but, to all appearance, had been large almost as a Goose Egg. The Gelly thrown up with this *Bladder*, and which in all likelihood had been contain'd in it, (before it broke in coming up) was thicker, and more foetid, than was found in any of the other *Bladders*.

The number of those which came off by Stool, made several scores.

During the whole course of this Illness, the Patient was rather loose than Costive ; had no manner of Appetite, and seldom slept without an Opiat.

I found her much wasted in Flesh, with a dead pale Look ; such as argued her to be very low. She had Stools of an unusual Smell, no way natural, and had vomited a great deal of cold Phlegm.

She was very willing to think these *Bladders* came from her Stomach, and urg'd the following Reasons for her opinion ; First, for that, had they been originally in the Bowels, in all likelihood the Purges ( of which she took many in the *Jaundice* ) would, as she said, have carried them off much sooner. Secondly, From the (almost) constant pain of her Stomach, and frequent inclination to Vomit, ever since her Fever, to the time of the *Bladders* being Discharged. Thirdly, From the Rawness and Soreness of her Stomach, after the *Bladders* came off.

This was her opinion, and these her Reasons for it ; and indeed, I think, they may be esteem'd so far of force, as to prove, That some, and perhaps a great number of these *Bladders* came from her Stomach.

There was no appearance, in any one one of these *Bladders*, of such an Order of Parts, or Organs, as shew'd them to be Insects ; nor upon Examination was there any Animal discern'd in the Liquor contain'd in them. Indeed, these Observations were made only by the naked Eye, (for we had not the opportunity of a Microscope.) What Discoveries might have been made by a more strict Enquiry, I cannot say.

The

( 1800 )

The Medicines given, after I was call'd in, were chiefly of the *Vulnerary* and *Digestive* kinds : That which did her most service, (but it was after the *Bladders* were come off) was a *Tincture of Myrrh and Gentian*, in large and frequent Doses; and with a proper Vehicle : Under the use of this slight, but advantageous Medicine, from a very weak condition, she recover'd an Appetite, &c. and is now perfectly well.

Exeter, Sept. 26. 1704

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IV. *A Letter from Mr John Thorpe, M. A. of University College in Oxford, to Dr Hans Sloane, S. R. S. concerning Worms in the Heads of Sheep, &c.*

With this you receive the delineation of a Worm, found in dissecting the Head of a Sheep, in the Cells form'd between the *Laminae* of the *Os frontis* : It is an *Apode*, and seems to be a species of the *Eulæ* ; tho much different from the common sort breeding in putrid Flesh. It is every where of a fair pale colour, excepting its Tail, which ends a little obliquely in a Plane ; on which are impress'd two remarkable black spots, ( as in Fig. 8. ) Besides two small white *corniculæ*, its Head is arm'd with a pair of black, sharp, and crooked *forcipes*, which, in contracting, and extending its Body, it draws in, and puts out at pleasure : With these it is, that in creeping it takes hold of the surface of the Body, on which it moves ; and draws it self forward on pretty large, protuberant, and somewhat flattish *toruli*, fewer in number than those on its Back, ( vide Fig. 9. ) which alternately swell'd and relax'd, seem instrumental to its motion, and supply the place